# 55" Class 1080p 120Hz Smart TV & Sound Bar **55LN5790**



## **LG SMART TV\***

- Magic Remote Ready (not included)
- Premium Content
- SmartShare™
- LG Cloud
- Miracast™
- NFC Capable (NFC Tags sold separately)
- Intel® Wireless Display (WiDi)
- Mobile High-Definition Link (MHL)
- 2nd Display
- DLNA Certified®
- LG TV Remote App

## **PICTURE QUALITY**

- TruMotion 120Hz
- LED Backlighting
- Full HD 1080p Resolution
- Resolution Upscaler
- Picture Wlzard
- Triple XD™ Engine

# CONNECTIVITY

- Wi-Fi® Ready (Adapter sold sepatately)
- 3 HDMI™ In
- SIMPLINK™

## **SOUND BAR**

- 2.0 ch
- 60W Total Power
- TV Volume Sync (via optical)
- Automatic On/Off (via optical)

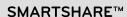


## **ULTIMATE ENTERTAINMENT**

It's easy to enjoy LG's LN5790 with Smart TV and included Sound Bar. Enjoy instant access to the best of the Internet direct to your TV. And, with Full HD 1080p, LED, TruMotion 120Hz and Picture Wizard II, you're sure to enjoy the stunningly clear picture quality.

## **LG SMART TV**







## **TRUMOTION 120HZ**



LG's intuitive Magic Remote is a simple and fun way to pick and choose what you want to watch. With just a point and click or use LG's unique Voice Mate, capable of recognizing how you naturally speak to change the channel or access premium content providers like Hulu Plus®, Netflix® and YouTube® direct from your TV. Now, you can spend less time navigating and more time on your entertainment.



Whether you create a network with your compatible devices, access content stored in your LG Cloud or use an NFC tag to connect, LG makes it easy for you to share content with friends and family.



See sports, video games and high-speed action with virtually no motion blur. Now your TV can keep up with your fast-moving entertainment.



# 55" Class 1080p 120Hz Smart TV & Sound Bar **55LN5790**



## PANEL (TV)

Screen Size Class (diagonal) 55" Class (54.6" diagonal)
Resolution 1920 x 1080p
BLU Type LED

Refresh Rate TruMotion 120Hz

#### VIDEO (TV)

 Dual Core Processor
 Yes

 Triple XD™ Engine
 Yes

 Resolution Upscaler
 Yes

 Picture Wizard
 Yes

Picture Mode 7 Modes (Vivid, Standard, Eco, Cinema, Game, ISF Expert 1,

ISF Expert 2)

AV Mode II 3 Modes (Cinema, Game, Off)

Aspect Ratio 6 Modes (16:9, Just Scan, Original, 4:3, Cinema Zoom, Zoom)

Just Scan (1:1 Pixel Matching) HDMI: 1080i, Component: 1080p, RF: 720p

#### **AUDIO (TV)**

 Speaker System
 1 way, 2 speakers

 Audio Output (Watts - THD 10%)
 10W + 10W

 Mono/Stereo/Dual (MTS/SAP)
 Yes

 DTS Decoder
 Yes

 Virtual Surround
 Yes

 Clear Voice II
 Yes

Sound Mode 6 Modes (Standard, Music, Cinema, Sport, Game, User)

Sound Optimizer 3 Modes (Normal, Wall Mount, Stand)

## **CONNECTIVITY (TV)**

Wi-Fi® Ready Yes (Adapter sold sepatately)

Wi-Fi Direct Yes

DLNA Certified® Yes

Intel® Wireless Display (WiDi) Yes

Mobile High-Definition Link (MHL) Yes

NFC Ready (Near Field Communications) Yes

Windows 8 Certified Yes

SIMPLINK™ (HDMI™ CEC) Yes

USB Playback DivX HD®, JPEG, JPG, MPO, AC3 (Dolby® Digital), EAC3,

HAAC, AAC, MPEG, MP3, PCM, DTS®

## LG SMART TV (TV)

 Home Dashboard
 3.0

 Premium Content
 Yes

 App Store
 Yes

 LG Cloud
 Yes

 Full Web Browser
 Yes

 SmartShare™
 Yes

Skype™ Ready Yes (Camera required and sold separately. Skype subscription

required.)

Smart Phone Remote Support Yes

## INPUTS/OUTPUTS (TV)

 RF In (Antenna/Cable)
 1 (rear)

 AV In
 1 (rear)

 Component Video In (Y, Pb, Pr + Audio)
 1 (rear)

 HDMI™/HDCP In
 3 (side)

 USB 3.0/2.0 In
 3 (side)

 Digital Audio Out (Optical)
 1 (rear)

 LAN
 1 (rear)

 RS-232 (Control & Service)
 1 via USB (rear)

## POWER (TV)

ENERGY STAR® Qualified (6.0) Yes

Power Supply (Voltage/Hz) 100~240V / 50-60Hz

Power Consumption 58.6W Standby Mode 0.3W

## CABINENT/INCLUDED ACCESSORIES (TV)

 VESA® Wall Mount Pattern
 400mm x 400mm

 Remote Control
 Standard

 Batteries
 AA x 2

#### **DIMENSIONS/WEIGHT (TV)**

 TV without Stand (WxHxD)
 49.17" x 28.54" x 3.11"

 TV with Stand (WxHxD)
 49.17" x 31.14" x 11.69'

 Packaging Dimensions (TV and Sound
 61" x 38.9" x 8.27"

Bar)

TV Weight without Stand 42.1 lbs
TV Weight with Stand 46.7 lbs
Packaging Weight (TV and Sound Bar) 68.9 lbs

#### **AMPLIFIER (SOUND BAR)**

 Channels
 2.0 ch

 Output Power
 60W (30W x 2)

Inputs/Outputs (Sound Bar)

Optical 1

## **CONVENIENCE (SOUND BAR)**

TV Volume Sync Yes (via optical cable)
Direct Volume & Mute Control Yes (via optical cable)
Automatic Power On/Off Yes (via optical cable)

Mute Yes

Dynamic Range Control (On/Off) Yes

#### **AUDIO SOUND MODE & FORMAT (SOUND BAR)**

 Bass & Sound Enhancement
 Yes

 By Pass
 Yes

 LPCM
 Yes

 Dolby® Digital
 Yes

 DTS
 Yes

## POWER (SOUND BAR)

SMPS Adapter (18V, 2.67A)

Power Consumption 12.3W Standby Power Consumption 0.5W

# DIMENSIONS/WEIGHTS (SOUND BAR)

 Sound Bar (WxHxD)
 37.4" x 2.28" x 3.31"

 Packaging Dimensions (TV and Sound 61" x 38.9" x 8.27"

Bar

Sound Bar Weight 3.75 lbs
Packaging Weight (TV and Sound Bar) 68.9 lbs

## **INCLUDED ACCESSORIES (SOUND BAR)**

 Adapter
 1

 Optical Cable
 1

 Wall Mount Bracket
 1

 Table Stand
 1

## WARRANTY/UPC

Limited Warranty (Bundle) 1 Year Parts & Labor UPC 71919259-0205

\*Wireless Internet connection & certain subscriptions required and sold separately for smart features. The Magic Remote does not come equipped with all LG Smart TV enabled TVs and a separate purchase may be required. Content and services vary by product and are subject to change without notice.

# LG Electronics U.S.A., Inc.